

Title (en)

A transgenic coagulation factor XIII defective animal and its use for testing wound healing and bleeding

Title (de)

Transgenes Tier mit einem defekten Gen für den Gerinnungsfaktor XIII sowie dessen Verwendung zum Testen bei Wundheilungen und Blutungen

Title (fr)

Animal transgénique comportant un gène de facteur XIII déficient et utilisation dudit animal pour tester la cicatrisation et l'hémorragie

Publication

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Application

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Priority

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Abstract (en)

The invention provides a transgenic non-human mammalian animal which is heterozygous or homozygous for an at least partially defective coagulation factor XIII gene.

IPC 1-7

C12N 15/00; **C12N 5/00**; **A61K 49/00**; **A01K 67/027**

IPC 8 full level

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Citation (search report)

- [Y] WO 9116931 A1 19911114 - ZYMOGENETICS INC [US]
- [Y] WO 9746669 A1 19971211 - AMYLIN PHARMACEUTICALS INC [US], et al
- [Y] WO 9404669 A1 19940303 - MEDICAL RES COUNCIL [GB], et al
- [A] EP 0236978 A2 19870916 - BEHRINGWERKE AG [DE]
- [Y] ANWAR, R. ET AL.: "Molecular basis of inherited factor XIII deficiency: identification of multiple mutations provides insights into protein function", BRITISH JOURNAL OF HAEMATOLOGY, vol. 91, 1995, pages 728-735, XP002061572, ISSN: 0007-1048
- [Y] ICHINOSE, A. ET AL.: "ARG260-cys mutation in severe Factor XIII deficiency: conformational change of the A subunit is predicted by molecular modelling and mechanics", BRITISH JOURNAL OF HAEMATOLOGY, vol. 101, no. 2, May 1998 (1998-05-01), pages 264-272, XP002093671, ISSN: 0007-1048
- [Y] MIKKOLA, H. ET AL.: "Deficiency in the A-subunit of coagulation Factor XIII: two novel point mutations demonstrate different effects on transcription levels", BLOOD, vol. 84, no. 2, July 1994 (1994-07-01), pages 517-525, XP002093670, ISSN: 0006-4971
- [Y] IZUMI, T. ET AL.: "Novel deletion and insertion mutations cause splicing defects, leading to severe reduction in mRNA levels of the A subunit in severe Factor XIII deficiency", THROMBOSIS AND HAEMOSTASIS, vol. 79, no. 3, March 1998 (1998-03-01), pages 479-485, XP002093669, ISSN: 0340-6245
- [Y] ROSIER, F.: "LES SOURIS "KNOCKOUT" ONT LA PÊCHE", LA RECHERCHE, vol. 27, no. 288, June 1996 (1996-06-01), pages 48-50, XP000585254, ISSN: 0029-5671

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